

## SEQUENCE LISTING

<110> Harada, Shun-ichi  
Kasparcova, Viera  
Glantschnig, Helmut

<120> RHESUS MONKEY DICKKOPF-1, NUCLEOTIDES  
ENCODING SAME, AND USES THEREOF

<130> 21350YP

<150> PCT/US2004/038489

<151> 2004-11-12

<150> 60/520,705

<151> 2003-11-17

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Macaca mulatta

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<212> PRT

<213> Macaca mulatta

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Cys	Ala	Ser	Pro	Thr	Arg	Gly	Gly	Asp	Ala	Gly	Val	Gln	Ile	Cys	Leu
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Asp	His	Ser	Thr	Leu	Asp	Gly	Tyr	Ser	Arg	Arg	Thr	Thr	Leu	Ser	Ser
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Lys	Met	Tyr	His	Ser	Lys	Gly	Gln	Glu	Gly	Ser	Val	Cys	Leu	Arg	Ser
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Ser Asp Cys Ala Thr Gly Leu Cys Cys Ala Arg His Phe Trp Ser Lys  
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 Ile Cys Lys Pro Val Leu Lys Glu Gly Gln Val Cys Thr Lys His Arg  
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 Arg Lys Gly Ser His Gly Leu Glu Ile Phe Gln Arg Cys Tyr Cys Gly  
 225                          230                          235                          240  
 Glu Gly Leu Ser Cys Arg Ile Gln Lys Asp His His Gln Ala Ser Asn  
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<223> Human Dkk-1 forward primer

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<223> Human Dkk-1 probe

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22

&lt;210&gt; 9

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&lt;213&gt; Artificial Sequence

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26

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&lt;211&gt; 27

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<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> 5'h Dkk-1 Reverse

<400> 13

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24

<210> 14

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> 3'h Dkk-1 Forward

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<210> 15

<211> 26

<212> DNA

<213> Artificial Sequence

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<223> 3'h Dkk-1 Reverse

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<210> 16

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<212> DNA

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<223> h Dkk-1 R3

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<223> h Dkk-1 F3

<400> 17

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<211> 35

<212> DNA

<213> Artificial Sequence

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<223> rh Dkk-1 Eco RI-F

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&lt;210&gt; 19

&lt;211&gt; 38

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; h Dkk-1 Eco RI-R

&lt;400&gt; 19

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38

&lt;210&gt; 20

&lt;211&gt; 801

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 20

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&lt;210&gt; 21

&lt;211&gt; 265



&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 21

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  1             5             10             15
Ala Ala Ala Leu Gly Gly His Pro Leu Leu Gly Val Ser Ala Thr Leu
      20             25             30
Asn Ser Val Leu Asn Ser Asn Ala Ile Lys Asn Leu Pro Pro Pro Leu
      35             40             45
Gly Gly Ala Ala Gly His Pro Gly Ser Ala Val Ser Ala Ala Pro Gly
      50             55             60
Ile Leu Tyr Pro Gly Gly Asn Lys Tyr Gln Thr Ile Asp Asn Tyr Gln
      65             70             75             80
Pro Tyr Pro Cys Ala Glu Asp Glu Glu Cys Gly Thr Asp Glu Tyr Cys
      85             90             95
Ala Ser Pro Thr Arg Gly Gly Asp Ala Gly Val Gln Ile Cys Leu Ala
      100            105            110
Cys Arg Lys Arg Arg Lys Arg Cys Met Arg His Ala Met Cys Cys Pro
      115            120            125
Gly Asn Tyr Cys Lys Asn Gly Ile Cys Val Ser Ser Asp Gln Asn His
      130            135            140
Phe Arg Gly Glu Ile Glu Glu Thr Ile Thr Glu Ser Phe Gly Asn Asp
      145            150            155            160
His Ser Thr Leu Asp Gly Tyr Ser Arg Arg Thr Thr Leu Ser Ser Lys
      165            170            175
Met Tyr His Thr Lys Gly Gln Glu Gly Ser Val Cys Leu Arg Ser Ser
      180            185            190
Asp Cys Ala Ser Gly Leu Cys Cys Ala Arg His Phe Trp Ser Lys Ile
      195            200            205
Cys Lys Pro Val Leu Lys Glu Gly Gln Val Cys Thr Lys His Arg Arg
      210            215            220
Lys Gly Ser His Gly Leu Glu Ile Phe Gln Arg Cys Tyr Cys Gly Glu
      225            230            235            240
Gly Leu Ser Cys Arg Ile Gln Lys Asp His His Gln Ala Ser Asn Ser
      245            250            255
Ser Arg Leu His Thr Cys Gln Arg His

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260

265

&lt;210&gt; 22

&lt;211&gt; 272

&lt;212&gt; PRT

&lt;213&gt; Mus musculus

&lt;400&gt; 22

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      20             25             30
Leu Asn Ser Val Leu Ile Asn Ser Asn Ala Ile Lys Asn Leu Pro Pro
      35             40             45
Pro Leu Gly Gly Ala Gly Gly Gln Pro Gly Ser Ala Val Ser Val Ala
      50             55             60
Pro Gly Val Leu Tyr Glu Gly Gly Asn Lys Tyr Gln Thr Leu Asp Asn
  65             70             75             80
Tyr Gln Pro Tyr Pro Cys Ala Glu Asp Glu Glu Cys Gly Ser Asp Glu
      85             90             95
Tyr Cys Ser Ser Pro Ser Arg Gly Ala Ala Gly Val Gly Gly Val Gln
      100            105            110
Ile Cys Leu Ala Cys Arg Lys Arg Arg Lys Arg Cys Met Thr His Ala
      115            120            125
Met Cys Cys Pro Gly Asn Tyr Cys Lys Asn Gly Ile Cys Met Pro Ser
      130            135            140
Asp His Ser His Phe Pro Arg Gly Glu Ile Glu Glu Ser Ile Ile Glu
  145            150            155            160
Asn Leu Gly Asn Asp His Asn Ala Ala Ala Gly Asp Gly Tyr Pro Arg
      165            170            175
Arg Thr Thr Leu Thr Ser Lys Ile Tyr His Thr Lys Gly Gln Glu Gly
      180            185            190
Ser Val Cys Leu Arg Ser Ser Asp Cys Ala Ala Gly Leu Cys Cys Ala
      195            200            205
Arg His Phe Trp Ser Lys Ile Cys Lys Pro Val Leu Lys Glu Gly Gln
      210            215            220

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Val	Cys	Thr	Lys	His	Lys	Arg	Lys	Gly	Ser	His	Gly	Leu	Glu	Ile	Phe
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Gln	Arg	Cys	Tyr	Cys	Gly	Glu	Gly	Leu	Ala	Cys	Arg	Ile	Gln	Lys	Asp
				245					250						255
His	His	Gln	Ala	Ser	Asn	Ser	Ser	Arg	Leu	His	Thr	Cys	Gln	Arg	His
			260					265					270		